

Title (en)

Custody transfer system and method for gas fuel

Title (de)

Eichpflichtiges Verkehrssystem und Verfahren für Heizgas

Title (fr)

Système et procédé de transfert de garde pour combustible gazeux

Publication

**EP 2613126 A2 20130710 (EN)**

Application

**EP 12199350 A 20121224**

Priority

US 201213344833 A 20120106

Abstract (en)

A system includes a custody transfer system (14) configured to transfer a gas fuel from a gas supply (12) to a gas turbine (16). The custody transfer system (14) includes a plurality of small flow meters (30) running in parallel with each other, each of the small flow meters (30) configured to obtain a measurement of a portion of a flow rate of the gas fuel flowing through the custody transfer system (14). Further, the custody transfer system includes a large flow meter (32) in series with the plurality of small flow meters (30), configured to obtain a measurement of a flow rate of the gas fuel flowing from the plurality of small flow meters (30). Additionally, the custody transfer system (14) includes communications circuitry (46) coupled to each of the small flow meters (30) and the large flow meter (32), configured to provide metering metrics to a flow computer (44).

IPC 8 full level

**G01D 4/00** (2006.01); **G01F 1/00** (2006.01); **G01F 15/00** (2006.01); **G01F 25/00** (2006.01)

CPC (source: EP US)

**G01D 4/00** (2013.01 - EP US); **G01F 7/00** (2013.01 - EP US); **G01F 15/075** (2013.01 - EP US); **G01F 25/10** (2022.01 - EP US);  
**G01D 2218/10** (2021.05 - EP)

Cited by

DE102016201933B4; DE102016201933A1; WO2016059132A1; WO2017137347A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 12199350 A 20121224**; CN 201310001528 A 20130104; JP 2012281913 A 20121226; RU 2012158358 A 20121227;  
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